

Introductory Organic Chemistry - II
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Lecture 9

Weekly Intro - 2

So, welcome back, in this week we are going to continue to do Electrophilic Aromatic Substitution. So, what you have learnt in the past week was primarily about unsubstituted benzene rings. So, now when you have a substituent on the benzene ring; things change because you are introducing asymmetry in the system, that means that there is a difference between the position 2, position 3, position 4 and etc. etc. So, what we will do is we will try to understand the various concepts associated with substituted benzene rings.

Not only that, we will also look at two important reactions of benzene rings, which are quite contrary at least in our thinking to electrophilic aromatic substitutions. So, we will be looking at nucleophilic aromatic substitutions; so here the benzene ring acts as a nucleophile in some sense. And will also be looking at a very interesting intermediate, which is known as Benzyne. So, this week again promises to be an exciting week with a lot of very interesting and new concepts. Again, we will be doing quite a few problems in the tutorials. So, I hope you will get a chance to solve these problems before you look at the answers or the worked-out solutions in the tutorials.